



# The Gazette of India

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Separate paging is given to this Part in order that it may be filed as a separate compilation.

## PART II—SECTION 1

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs.

*Calcutta, the 31st May 1947*

#### APPLICATIONS FOR PATENTS

TITLES HAVE BEEN ABRIDGED

*From 15th May, to 21st May, 1947*

- |  |  |
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| <p>37398. Aluminium Company of America. Brightening of aluminium and aluminium alloy articles having oxide coatings thereon. (29th July 1946).</p> <p>37399. Tecalemit Limited. Nozzle devices for filling tanks or containers with liquid. (21st May 1946).</p> <p>37400. Standard Telephones and Cables Limited. Arrangement for indicating the rate of change of a physical effect (16th May 1946).</p> <p>37401. A. W. Dickeson and C. E. Dickeson. Composition for automatically sealing punctures in pneumatic tubes, and process of manufacture thereof. (17th May 1946).</p> <p>37402. M. Temple. A rouleau turner. (16th May 1946).</p> <p>37403. F. Codignola and M. Piacenza. Polyamidic resins.</p> <p>37404. F. Codignola and M. Piacenza. Polyurethane resins.</p> <p>37405. F. Carpigiani. Mixing and scraping machines, especially adapted for use as ice-cream freezers.</p> <p>37406. G. Geronazzo and G. B. Frontini. Application of ingredients such as plastic materials on yarns.</p> <p>37407. T. I. Archer. Archer bimetallic process on stainless steel for lithographic printing.</p> <p>37408. N. V. Joshi. Process of sterilising (freeing from micro-organisms) solid, fluid or semi-fluid food products.</p> | <p>37409. H. J. Enthoven &amp; Sons Limited. Lead pipe jointing. (4th March 1946).</p> <p>37410. K. B. Thangaraj. Kasava Sol.</p> <p>37411. The General Electric Company Limited. High pressure metal vapour electric discharge lamps. (24th September 1945).</p> <p>37412. Imperial Chemical Industries Limited. Dyestuff intermediates. (20th May 1946).</p> <p>37413. C. R. Jones, J. Thomlinson, N. L. Kent and The Research Association of British Flour-Millers. Recovering or separating valuable nutrients in flour milling. (20th May 1946).</p> <p>37414. Standard Telephones and Cables Limited. Electrical condensers. (20th May 1946).</p> <p>37415. Standard Telephones and Cables Limited. Full wave rectifier in a glass or other insulating container.</p> <p>37416. Standard Telephones and Cables Limited. Electric resistance potentiometers. (21st May 1946).</p> <p>37417. Campbell Engineering Co., Limited. Ironing boards. (4th July 1946).</p> <p>37418. Howard and Bullough Limited and W. A. Hunter. Roller-weighting apparatus for textile spinning and analogous machines. (30th May 1946).</p> <p>37419. The Delhi Cloth &amp; General Mills Co., Ltd., E. T. N. Parthasarthy and S. Aravamuthachari. Chloro sulphonic acid.</p> <p>37420. The Delhi Cloth &amp; General Mills Co., Ltd., S. Kumar, E. T. N. Parthasarthy and S. Aravamuthachari. A process for the preparation of chloro sulphonic acid.</p> |
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37421. The Delhi Cloth & General Mills Co., Ltd., V. K. Sharma, D. K. Jain and V. B. Chipalkatti. Raw material rich in titanium from residue of bauxite after separation of alumina.
37422. The Delhi Cloth & General Mills Co., Ltd., V. K. Sharma and V. B. Chipalkatti. Solution rich in titanium from bauxite or residues of the same obtained after separation of alumina.
37423. The Delhi Cloth & General Mills Co., Ltd., V. K. Sharma, D. K. Jain and V. B. Chipalkatti. Conversion of titanium into soluble state from materials containing titanium such as bauxite sludge.
37424. The Delhi Cloth & General Mills Co., Ltd., V. K. Sharma, D. K. Jain and V. B. Chipalkatti. Meta titanic acid from titanium sulphate obtained from bauxite or bauxite sludge or like materials.
37425. The Delhi Cloth & General Mills Co., Ltd., D. K. Jain and V. B. Chipalkatti. Separation of titanium dioxide from bauxite or its residue obtained after removal of alumina by floatation.
37426. The Delhi Cloth & General Mills Co., Ltd., O. P. Gupta, R. Jagannathan and V. B. Chipalkatti. Composition for preparing sizing material for textile fibres and process for making same.
37427. K. Kumar. Oil expellers.
37428. Imperial Chemical Industries Limited. Purification of anthracene. (1st May 1946).
37429. Imperial Chemical Industries Limited. New vat dyestuff. (8th May 1946).
37430. Standard Telephones and Cables Limited. Carrier current message transmission systems.
37431. Standard Telephones and Cables Limited. Telecommunication switching systems. (9th March 1946).
37432. Standard Telephones and Cables Limited. Telecommunication systems. (9th March 1946).
37433. Standard Telephones and Cables Limited. High frequency heating equipment. (24th June 1946).
37434. Standard Telephones and Cables Limited. Optical display arrangement for cathode ray oscillographs. (22nd July 1946).
37435. Standard Telephones and Cables Limited. Transforming multi-phase A.C. Current of commercial frequency into high frequency alternating current for heating purposes and the like.
37436. C.U.R.A. Patents Limited. Manufacture of refractory materials.
37437. I. Kohn. Handle for milk cans and the like.
37438. Aluminium Company of America. Coloring of aluminium and aluminium alloys. (28th June 1940).
37439. The General Tire & Rubber Company. Tire repair vulcanizing apparatus.
37440. Pilkington Brothers Limited. Process and apparatus for tempering flat glass or articles of flat glass. (20th January 1947).
37441. J. W. Levesseur. Foundation piles.
37442. E. I. Du Pont de Nemours and Co. Production of aerocels.
37443. C. S. Sarkar. Fire place, chulla or like appliance.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of a patent on any one of the applications, referred to below, may at any time within four months of the date of this *Gazette of India* or within two months of date of the *Gazette of India* in which the publication of the printed specification concerned has been notified, whichever is later, give notice at the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, or on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, in due course. If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charges.

The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications.

The dates shown in crescent brackets are the dates allowed under section 73-A of the Act.

26667. P. M. R. Salles. Process for the electrolytic production and utilisation of neutral hypochlorinated solutions, means and apparatus used and new products obtained.

*Projecting the liquor obtained by the electrolysis of alkali chloride in the external or internal surfaces of the body.*

27368. Callender's Cable & Construction Company Limited. Improvements in electric cables. (20th December 1939).

*In a buoyant electric cable the central flexible core is surrounded by annular flexible core made up of helically wound wires and water proof insulating core for conductor.*

29965. Tecalemit Limited. Improvements relating to vehicles, particularly vehicles for use in warfare. (20th September 1941).

*Tank-wheels and haulage member mounted on axles.*

29989. F. H. Cotton. Process of reclaiming rubber. (3rd July 1942).  
*Subjecting to mechanical action in a heated internal mixture within 180°—300°C in presence of 1 per cent. of oxygen compared to the scrap material. The soften mass is then subjected to the processes customary to raw rubber.*
30808. The General Electric Company Limited. Improvements in aerial systems. (27th April 1943).  
*Of the type comprising a concave mirror and an aerial whose dimensions are small compared with maximum dimension of mirror.*
31106. James Booth & Company Limited. Improvements in brass.  
*High tensile brass containing magnesium.*
32858. Steatite & Porcelain Products Limited. Improvements in or relating to electric resistance devices.  
*Conductive ceramic material with metallic terminal contacts formed by electro deposition.*
33013. Anglo-Iranian Oil Company Limited. Improvements relating to the production of plastic compositions from polyvinyl chloride or polyvinyl chloride co-polymers. (28th October 1942).  
*Incorporating, non-oxygenated hydrocarbons of non-polar character derived from mineral oil fraction with vinyl halide.*
33074. Imperial Chemical Industries Limited. New vat dyes of the phthaloylacridone series. (15th August 1944).  
*Producing 3' : 4'-ptahaloylacridone vat dyes by bringing about ring closure of 1 : 2-disubstituted-4-(1'-alkanesulphonyl-2'-carboxyanilino)-anthraquinone.*
33084. Imperial Chemical Industries Limited. Preparation for the destruction of weeds. (12th May 1941).  
*Comprising an ester of an aryl-carbamic acid in admixture with a solid diluent or in admixture with a liquid diluent.*
33087. Steatite & Porcelain Products Limited. Improvements in or relating to thermo-couple devices.  
*One of the elements being conducting ceramic having titanium dioxide.*
33093. A Reyrolle & Company Limited. Improvements in or relating to spring driven operating mechanism for electric switchgear. (31st July 1944).  
*Floating lever connected to moving parts at one point, and to spring system at two other points; means to charge the spring system, close and release the contacts.*
33152. Eli Lilly and Company. Substituted acridines and intermediates therefor, and process of making them.  
*Substituted aminopropylamine is condensed with 2-methoxy-6, 9-dichloroacridine.*
33153. Eli Lilly and Company. Substituted acridines and intermediates therefor, and process of making them.  
*A diamine is condensed with 2-methoxy 6, 9-dichloroacridine.*
33172. The Geigy Company Limited. Improvements in and relating to the treatment of textile and other materials to protect them from attack by or render them undesirable as a habitation for vermin.  
*Treatment of textiles and the like with aqueous emulsion containing a vermin destroying composition, and a cationic emulsifying agent.*
33256. British Industrial Plastics Limited. Improvements in or relating to the manufacture of resinous condensation products.  
*Reacting formaldehyde or its polymers with the organic or inorganic acid salts of aminotriazines containing not less than two amino groups.*
33273. Zenith Radio Corporation. Improvements in earphone assemblies.  
*Earpiece made of resilient material and fits in the external auditory canal.*
33292. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries. Electriques D'Ugine. Improvements in and relating to the manufacture of iron and cobalt oxide magnetis.  
*Ferrous and cobalt salts simultaneously precipitated from solution, decomposed to oxides at a temperature lower than 600°C and the oxides compressed under pressure.*
33329. May & Baker Limited. Improvements in or relating to the production of diamidines. (4th November 1941).  
*Reacting 2-hydroxy-4 : 4-dicyano stilbene with dry hydrochloric or hydrobromic acid, and then with ammonia.*
33345. Standard Telephones and Cables Limited. Improvements in or relating to electrical sound recording and reproducing heads. (9th November 1944).  
*Armature comprises two magnetic plates clamped on non-magnetic elastic material.*
33356. Wingfoot Corporation. "V. Belt".  
*Triangular cross section with width of base less than vertical thickness; angle between driving faces not more than 45°; inextensible elements embedded near base.*

33424. Anglo-Iranian Oil Company Limited. Improvements relating to the refining of hydrocarbons. (17th August 1944).  
*Contacting gas oil with catalyst in hydrogen under pressure and temperature.*
33425. Anglo-Iranian Oil Company Limited. Improvements relating to the production of sulphur trioxide from petroleum fraction. (4th October 1944).  
*Hydrogenating petroleum fraction containing sulphur to yield hydrogen sulphide and then obtaining sulphur dioxide.*
33458. Carnegie-Illinois Steel Corporation. Method of annealing cold rolled low carbon steel.  
*Successive layers of rolled ferrous metal poisoned in the annealing furnace in intimate contact, reducing atmosphere maintained therein both during heating and cooling cycle.*
33468. II. H. Murray. Improvements in and relating to moulding strips and like elongated strips and like elongated members intended to be held in operative position by means of clips. (13th October 1944).  
*Moulding strip has reinforcing strip on its underside with beaded edges.*
33502. Carrier Corporation. Improvements in air conditioning system.  
*Combination of a unit for conditioning air, a supply of conditioning medium, passageways, and valve means responsive to the pressure of the medium for controlling the circulation of the conditioning medium.*
33523. Troughton & Young Limited. Improvements in or relating to electrical wiring systems. (27th July 1944).  
*Cable with current carrying conductors and reinforcing core suspended from supports by the reinforcing core without intermediate supports.*
33572. T. Hindmarch. Improved power transmission coupling. (4th May 1945).  
*Transmission of torque in parts—part by direct resilient drive and part by fluid pressure operated frictional coupling—proportion of parts being variable.*
33599. Anglo-Iranian Oil Company Limited. Improvements relating to the alkylation of isobutane. (18th October 1944).  
*Alkylation of isobutane, in which the normal butane dilution of the feedstock is increased to a minimum concentration of 30 per cent.*
33617. E. I. Du Pont De Nemours and Co. Process for polymerising organic compounds.  
*Heating compounds containing  $\text{—C=C—}$  linkage, in the presence a catalyst comprising a dialkyl dioxide.*
33621. B. S. Wade. Improvements relating to road vehicles.  
*Chassis unsprung with respect to rear wheel and sprung with respect to two front wheels.*
33637. Lock Joint Pipe Company. Improvements in or relating to pipes.  
*High tensile steel winding is prestressed and exerts compression in the interior precast and preset concrete shell.*
33670. P. R. Mallory & Co., Inc. Alkaline dry cell.  
*Comprising an amalgamated zinc anode, a cathode of a depolarizer material and immobilized alkaline electrolyte.*
33673. E. D. O. Pernier. Improvements in or relating to multi-row radial engines.  
*In a multi-row radial engine, cylinders are in circumferential rows and longitudinal banks, the cylinders of each bank is fired progressively from one end of the bank to other.*
33677. The V. D. Anderson Company. Oil settling apparatus.  
*Removing foots from oil in a tank having inlet and outlet openings, aprons and scraper.*
33695. T. A. Henshaw. An improvement in or relating to fire-extinguishing apparatus.  
*Mixing of foam producing agent previously with water or other liquid and forcing the mixture through a foam producing nozzle.*
33698. Eli Lilly and Company. Improvements in or relating to a process of preparing butyrolactones.  
*Lactonising an ester of d-halo-B-substituted propionic acid with a solution of hydrogen bromide in a liquid saturated aliphatic acid.*
33703. The Permutit Company Limited. Improvements relating to the removal of impurities from water or aqueous liquids.  
*Material used is double-hydrated dolomitic lime which is partly calcined.*
33789. Shell Development Company. Separation of non-neutral electrolytes.  
*Subjecting the mixture to the action of ionizing medium and solvent flowing concurrently.*

33806. Gestener Limited. Improvements in and relating to plasticising, reclaiming and reworking of vulcanised rubber.
- Vulcanised rubber heated with a polycyclic phenol or amine at 150–170°C in a restricted proportion of oxygen.*
33826. Perry Beval & Company, Limited. Improvements in and connected thermally insulated vessels, dishes and the like. (1st February 1939).
- The lid of the vessel being removably attached to a movable part of the jacket.*
33934. The Distillers Company Limited, A. Elce, H. M. Stanley and K. H. W. Tuerek. Improvements in or relating to the manufacture of acetic anhydride (8th December 1941).
- Continuously circulating a stream of liquid reaction mixture comprising acetic acid, acetic anhydride acetaldehyde and an oxidation catalyst.*
33986. Abbott Laboratories. Improvements in a method of preparing a pharmaceutical preparation having anti-hemorrhagic properties.
- Mixture of solid monadione and solid non toxic bisulphite.*
34009. Wycliffe Foundry & Engineering Company Limited. Improvements in and relating to reversing gears.
- Comprises co-axial driving and driven shafts and means to secure simultaneous axial displacement of driving pinion and dog clutch elements co-operating with dog clutch elements provided on driven gears.*
34037. The General Electric Company Limited. Improvements in and relating to the manufacture of articles from metallic powders. (24th January 1945).
- Mixture of powdered metals sintered without prior application of pressure, at a temperature below melting of at least one of the metals, but with a liquid phase present.*
34131. W. E. Smith and W. Frost. Improvements in vulcanising and like presses. (4th January 1945).
- The combination with a platen, of swinging arm a spider mounted on the arm, to receive a pressure plate and means for pressing the swing arm.*
34138. J. D. Handley. Improvements in tanks for cleaning articles by spraying paraffin or other cleaning liquids.
- Two tanks provided with controllable means for isolating them from each other and subjecting into air pressure.*
34169. F. L. Smidth & Co. A.S. Method of and apparatus for conveying granular or pulverulent materials.
- Pipes formed with perforations provided at intervals in a tube, trough or channel and air admitted to the interior of pipes; with larger openings pipes covered with cloth, felt or other porous material.*
34359. The General Electric Company Limited. Improvements in the manufacture of piezo-electric crystals. (14th September 1943).
- Quartz heated above  $\alpha\beta$  inversion temperature and cooled while strained.*
34426. W. H. Miner, Inc. Buffers.
- Spring resistance for light load followed by frictional resistance for heavier loads.*
34488. May & Baker Limited. Improvements in or relating to the production of halogeno-diamidines. (22nd March 1945).
- A dicyano compound where one or both of benzene nuclei is substituted by at least one halogen atom is treated by methods known per se.*
34527. Weldall & Assembly Limited. Improvements in storage conveyors.
- Container pivotally mounted are carried away from the chains while passing around a sprocket from one straight run to the other.*
34556. Standard Telephones and Cables Limited. Improvements in or relating to the construction of high power electric vacuum tubes. (16th May 1945).
- Envelope with a glass portion and a cup shaped glass base of same diameter and thickness and sealed by butt seal electrodes been sealed through base.*
34607. Standard Telephones and Cables Limited. Deflection arrangement for oscillographs. (14th April 1945).
- Arrangement for producing line trace on the screen of oscillograph.*
34634. Standard Telephones and Cables Limited. Improvements in or relating to bases for electron discharge devices. (18th May 1945).
- Glass base having lead in wires for electrodes, a metal shielding member with apertures.*
34655. Dearborn Chemical Company. Method of conditioning waters including boiler waters and composition thereof.
- Introducing into the bath, a composition containing essentially an aliphatic amine steam distilling to a negligible extent and insoluble in the bath.*

34666. International General Electric Company, Inc. Improvements in or relating to circuit interrupting apparatus.

*Arc chute in front fixed arc gap, provided with insulating partition to cut the arc.*

34674. Taylor, Tunnicliff and Company Limited. Improvements in electric insulators. (21st May 1945).

*Conductive layer provided between semi-conductive layer and metal part.*

34701. Kristo (India) Industries. Improved method of making hasps.

*Annular recess is formed on slidable bar and upper end of engagement member holds the bar at the annular recessed portion*

34820. H. G. Martin. Improvements in writing instruments.

*Plurality of ducts for feeding ink to the unexposed part of the ball.*

34828. S. S. S. Kalha and (Mrs.) S. I. K. Kalha. Improvements in or relating to strainers for tube wells.

*Tube having slots on sides covered with a layer of wire closely wound together; outer portion of this layer cut away to half thickness of wire.*

34847. Standard Telephones and Cables Limited. Improvements in or relating to torque-transmission and speed reduction mechanism. (25th May 1945).

*Speed reduction gearing comprising an eccentric driving cam an oscillating member, a guide, a castle plate engaged with the member, all mounted on a common shaft.*

34859. Airmec Limited. Improvements in or relating to motion transmitting devices. (28th May 1945).

*Motion transmitting devices comprising a driving shaft a worm coupled thereto and a worm wheel in meshing engagement with said worm, causes a limited axial movement of the worm and rotational movement of the worm wheel.*

#### Patents Sealed

30341.	30464.	31509.	31606.	32102.	32103.
32204.	32224.	32332.	32379.	32381.	32419.
33166.	33220.	33422.	33508.	33588.	33664.
33793.	33897.	34056.	34136.	34310.	

#### Renewal Fees Paid

19915.	20045.	20046.	20291.	20350.	21996.
22062.	22110.	22917.	22930.	22964.	23049.
23116.	23117.	23993.	24096.	24121.	24122.
24277.	25005.	25108.	25233.	25334.	25391.
25412.	25452.	25467.	25484.	25503.	25546.
26386.	26495.	26543.	26567.	26581.	26591.
26592.	26773.	27565.	27573.	27623.	27731.
28109.	28259.	28260.	28262.	28264.	28265.
28266.	28267.	28275.	28403.	28591.	29257.
29618.	29731.	29933.	30067.	30068.	30145.
30180.	31202.	31328.			

#### Restoration Proceedings

##### (I)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 21276. William Herbert Smith.

The patent ceased on the 24th October 1940, owing to the non-payment of the renewal fee within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part II, Section I, dated the 8th February 1941. Any person may give notice of opposition to the restoration by leaving Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta on or before 12th July 1947.

##### (II)

Notice is hereby given that applications have been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patents :—

Nos. 21950 and 21951. E. Spencer and F. S. Mitchell.

The patents ceased on the 19th June 1940 owing to the non-payment of the renewal fees within the prescribed time and the cessation of the patents was notified in the Gazette of India, Part II, dated the 5th October 1940. Any person may give notice of opposition to the restoration by leaving Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta, on or before 12th July 1947.

##### (III)

Notice is hereby given that an order was made on 3rd May 1947, restoring the patent No. 23505 and dated as of 16th December 1935 and granted to Gerrard Industries Ltd., for "Improvements relating to securing boxes, bales and the like".

##### (IV)

Notice is hereby given that an order was made on 3rd May 1947, restoring the patent No. 24338 and dated as of 16th August 1937 and granted to Gerrard Industries Ltd., for "Improvements in and relating to wire-tying apparatus for baling, packing and the like".

#### Extension of the term of Patent

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911, for an extension of the term of patent No. 19168 for "Improvements in and connected with pulleys" has been left at the Patent Office on behalf of J. Stone & Co Ltd. The petition may be inspected at the Patent Office, No. 214, Lower Circular Road, Calcutta. Any person desirous of opposing the grant of an extension of the term of this patent shall within two months from the date of this notification lodge with the Controller of Patents and Designs at the above address a notice on Form 6 of the Indian Patents and Designs Rules, 1933, and shall at the same time serve a copy of such notice upon the petitioners C/o Messrs. DePenning & DePenning, 10, Government Place East, Calcutta.

K. RAMA PAI,

Controller of Patents and Designs.